

## **METHOD AND APPARATUS FOR IMPROVING LOCAL BLOOD AND LYMPH CIRCULATION**

### **ABSTRACT OF THE DISCLOSURE**

5       A processor (10) controls the operation of the device and preferably provides for a plurality of operational algorithms or modes. A program switch (18) allows the user to select which algorithm will be used. The processor drives an inverter (12), which drives a power amplifier or bridge (13). The output of the bridge 13 is connected to one or more transducers 16. When the user presses the switch (19A), the processor begins the algorithm. One or more of 10 the transducers are placed on the patient's body in the area to be treated. The algorithms provide for lower-frequency and higher-frequency sweeps, which the transducers convert to microvibrations which, in turn, massage not only the muscles and the larger blood vessels, but also the smaller blood vessels and capillaries, and provide for improved blood circulation in the affected area, thereby relieving pain and enhancing recovery.

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